



Rammer has an authorised dealership in every state and territory.

NATIONAL

FOR more than 40 years, the Rammer name has been synonymous with state-of-the-art rockbreaking solutions.

The company offers a comprehensive range of powerful, productive and durable hydraulic attachments suitable for carriers in the 0.6t to 120t operating weight class.

Rammer's rockbreakers, booms and the revolutionary RD3 remote monitoring device have cemented the company's position as the go-to rockbreaker solutions provider for the Australian mining industry.

The Australian Rammer dealership network offers a full range of Rammer rockbreakers, boom systems, tools, spare parts and specialty products for demanding applications such as primary and boulder breaking, tunnelling and trenching.

With authorised distributors in every state, territory and also in PNG, Rammer offers factory-approved maintenance and warranty services to keep rockbreakers doing what they do best – turning big rocks into little rocks.

The team is truly the engine room of any successful business, and Rammer's Australian distributor network has been delivering its high-quality, industry-leading service, support and product knowledge to the mining industry in every state and territory.

Hydraulic rockbreakers

Rammer was the first company to offer large and heavy-duty hydraulic rockbreakers for the tough conditions of the Australian mining industry, and there is a Rammer rockbreaker for virtually any breaking application requiring a boom-mounted percussive tool.

Whether it be a compact rockbreaker



Rammer rockbreakers are designed for the toughest conditions the mining industry can throw at them.

for a mini excavator to an extra heavy-duty rockbreaker for excavators between 27-120 tonnes, Rammer has a reliable, low maintenance and easy to fit rockbreaker.

The rockbreakers are divided into two classes, the excellence line and the performance line.

The excellence line is Rammer's flagship line and has been serving customers around the world for more than 40 years.

Starting at the compact range which can be mounted on a mini excavator or skid-steer loader, they are perfect for rental and multiple carrier applications.

The small range are heavy-duty work horses for carriers between 1-15t.

The medium range is suited for more heavy duty applications.

Both are fitted with membrane-type accumulators to assist with power strokes, whilst

providing protection against hydraulic spikes, and they have field replaceable lower tool bushing and a low maintenance design which ensures optimum rockbreaker uptime, higher availability levels and a reduced owning and operating cost.

The largest models in Rammer's rockbreaker range, the flagship Large Range, brings together all the key features into one large, powerful, durable and reliable package.

The rockbreakers are fitted with pressure control valves to ensure that every blow is delivered with maximum power, while an optimised piston design transfers blow energy efficiently for optimum breaker performance.

The scaler range was developed specifically for the removal of loose material from the lining of tunnels.

This is an important process, and Rammer aims to ensure a safer working environment for both personnel and equipment working in this harsh environment.

Scaling is one of the most demanding applications for a small rockbreaker: rather than working at the optimal 90° angle to the target material, scaling the working angle can be anywhere between 5-175°.

Rammer's range of scaling rockbreakers are unique amongst other small rockbreaker ranges as they come equipped with channels and piping for grease (for automatic greasing), air (for protecting the rockbreaker's external parts against dust) and water (for environmental dust suppression).

The performance line of Rammer rockbreakers are the everyday breaking solution.

The rockbreakers use nitrogen piston accumulators and have a second pressure-dampening membrane type accumulator.

This proven technology gives the performance line an excellent power-to-weight ratio.

Booms – making the right choice

Choosing the right boom-mounted rockbreaker for the job is only part of the process.

The selection of the boom is also paramount to getting the job done right.

To select the correct boom system, the needs of both operators and maintenance personnel should be taken into consideration.

There are several critical factors that should be considered when purchasing a new rockbreaker boom: the correct sizing of the rockbreaker, the correct boom size and reach, the correct positioning of the slew base to optimise the working area, the availability of safety systems including automation and remote operation and of course the availability of tools and spare parts.

Rammer has 10 types of boom options that can accommodate any rockbreaker, and any application.

These include the C series that is ideally suited for lightweight applications, through to the ultra-heavy-duty XL series that gives superior reach and high breaking power, and include applications for gyratory crushers in mines and quarries and grizzlies in mines, and which feature round boom pedestals for even stress distribution in the foundation.

And the G series is specifically designed for underground applications.

With a low profile, and a long horizontal reach, this compact boom is ideal for grizzly applications, mobile breaking and scaling.

Rammer booms can also be fitted with the BoomSafe technology which increases the speed and precision of a boom, while preventing the possibility of collision.

Tried and tested in the Pilbara, this is the most reliable and cost-effective rockbreaker boom automation and remote operation system available on the market.



RD3 and MyFleet

Big data is everywhere.

It has the ability to improve the operation and monitoring of just about every bit of equipment on the mine site or in the quarry.

It is a tried and tested way to cut downtime, proactively maintain equipment to avoid expensive repairs and to improve the overall productivity of assets.

That is why Rammer developed the RD3, the first cloud-based monitoring device for hydraulic rockbreakers.

The device attaches to the rockbreaker and then reports detailed information in real-time back to the customer.

By using advanced electronic sensors,

the impacts and stresses on the rockbreaker, operating hours, service intervals and the GPS locations of the product are converted into data that can be used for predictive and preventative maintenance.

Simply by logging into the MyFleet platform, customers can see all the data recorded by the RD3.

The rockbreaker work hours show MyFleet users the total time the rockbreaker has been engaged in rockbreaking, and the real-time hour meter ensures a higher re-sale value as the actual work hours are known.

Using cloud-based software, customers can remotely monitor rockbreaker usage and provide operator education when needed in order to avoid maintenance costs due to premature failure.

This can be especially important when considering one of the most common causes of rockbreaker failure, which happens when an operator continues to hit the trigger button, forcing to keep the piston striking for extended periods of time.

By correcting the operator's practices through remote monitoring, operational optimisation can reduce the chance of rockbreaker failure and unscheduled downtime.

Contact your local authorised Rammer dealer today.

GroundTec in NSW:

(02) 9642 2030
breakers@groundtec.com.au
www.groundtec.com.au

Walkers Hammers Victoria and Tasmania:

(03) 9315 3788
sales@walkershammers.com.au
www.walkershammers.com.au

Total Rockbreaking Solutions in WA:

1300 921 498
sales@trswa.com.au
www.totalrockbreaking.com.au

QLD Rockbreakers in Queensland and PNG:

(07) 3715 0800
exc@rdw.com.au
www.rdw.com.au/ql-rock-breakers

Renex Equipment in South Australia and the NT

(08) 8345 0555
sales@renex.com.au
www.renex.com.au

Factory fitted remote monitoring hardware, RD3 as standard

SMART ROCKBREAKER TECHNOLOGY

FEATURES

- remote monitoring
- idle blow protection
- membrane accumulator
- fixed blow energy
- vidat tie rods
- ramvalve
- automatic lubrication

BENEFITS

- real-time data on operation
- reduced breaking times
- lower cost per tonne of material broken
- protection against premature failure
- longer tool life
- simplified maintenance
- reduced downtime

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Dealer Network

NSW

Groundtec Equipment
(02) 9642 2030
groundtec.com.au

VIC / TAS

Walkers Hammers
(03) 9315 3788
walkershammers.com.au

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QLD Rock Breakers
(07) 3715 0800
rdw.com.au

SA / NT

Renex Equipment
(08) 8345 0555
renex.com.au

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Total Rockbreaking Solutions
1300 921 498
totalrockbreaking.com.au